

Substitute for form 1449A/PTO				<i>Complete If Known</i>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>				Application Number	
Sheet	1	of	4	Filing Date	Herewith
				First Named Inventor	Hutchens, T. William
				Art Unit	
				Examiner Name	
				Attorney Docket Number	016866-001507

<b>U.S. PATENT DOCUMENTS+</b>					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
ff	1	US-5,718,060	02-17-1998	Hutchens et al.	
	2	US-6,225,047	05-01-2001	Hutchens et al.	
	3	US-6,579,719	06-17-2003	Hutchens et al.	
	4	US-3,898,661	07-29-1975	Parkhurst et al.	
	5	US-4,022,876	05-10-1977	Anbar	
	6	US-4,295,046	10-13-1981	Gruler et al.	
	7	US-4,296,332	10-20-1981	Hill	
	8	US-4,454,233	06-12-1984	Wang	
	9	US-4,468,468	08-28-1984	Benninghoven et al.	
	10	US-4,686,366	08-11-1987	Stuke	
	11	US-4,694,167	09-15-1987	Payne et al.	
	12	US-4,705,616	11-10-1987	Andresen et al.	
	13	US-4,902,627	02-20-1990	Kidwell	
	14	US-4,988,870	01-29-1991	Zare et al.	
	15	US-5,003,059	03-26-1991	Brennan	
	16	US-5,209,919	05-11-1993	Turteltaub et al.	
	17	US-5,045,694	09-03-1991	Beavis et al.	
	18	US-5,078,135	01-07-1992	Caprioli et al.	
	19	US-5,118,937	06-02-1992	Hillenkamp et al.	
	20	US-5,124,267	08-23-1992	Humpel et al.	
	21	US-5,171,989	12-15-1992	Williams et al.	
	22	US-5,547,835	08-20-1996	Koster	
	23	US			

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FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (# known)				
24	EP	00/84086			07-27-1983			<input type="checkbox"/>
25	EP	03/33912			09-27-1989			<input type="checkbox"/>
26	GB	22/35528			03-06-1991			<input type="checkbox"/>
27	GB	22/35529			03-06-1991			<input type="checkbox"/>
28	GB	22/36184			03-27-1991			<input type="checkbox"/>
29	WO	91/02961			03-07-1991			<input type="checkbox"/>
30	WO	92/13629			08-20-1992			<input type="checkbox"/>
31	WO	98/3777			11-28-1998			<input type="checkbox"/>
32	WO	96/40888			12-19-1996			<input type="checkbox"/>

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Sheet	3	of	4	First Named Inventor	Hutchens, T. William
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<b>NON PATENT LITERATURE DOCUMENTS</b>					
Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue/number(s), publisher, city and/or country where published.			
	33	<i>American Biotechnology Laboratory</i> , February 1994 cover, cover-page 2 (1994)			
	34	<i>BEAVIS et al., J. Phys. D: Appl. Phys.</i> , 26:442-447 (1993)			
	35	<i>DWYER et al., A Novel Sample Preparation Device for MALDI-MS, International Library</i> , 13A-13F (1997)			
	36	<i>HILLENKAMP, Laser Desorption Mass Spectrometry: Mechanisms Techniques and Applications, Bordeaux Mass Spectrometry Conference Report</i> , 11A:354-362 (1988)			
	37	<i>HUTCHENS et al., Rapid Communications in Mass Spec.</i> , 6:469-473 (1992)			
	38	<i>HUTCHENS et al., Rapid Communications in Mass Spec.</i> , 7:576-580 (1993)			
	39	<i>JONSSON et al., Analytical Chemistry</i> , 58:1084-1087 (1988)			
	40	<i>KARAS et al., Analytical Chemistry</i> , 60:2299-2301 (1988)			
	41	<i>KARAS et al., Biomedical &amp; Environmental Mass Spectrometry</i> , 18:841-843 (1989)			
	42	<i>KARAS, Ultraviolet Laser Desorption of Proteins Up to 120,000 Daltons, Bordeaux Mass Spectrometry Conference Report</i> , 11A:416-417 (1988)			
	43	<i>MOCK et al., Rapid Communications in Mass Spec.</i> , 6:233-238 (1994)			
	44	<i>MOCK et al., Rapid Communications in Mass Spectrometry</i> , 6:233-238 (1992)			
	45	<i>NELSON et al., Analytical Chemistry</i> , 67(111):89-102 (1991)			
	46	<i>NELSON et al., Rapid Communications In Mass Spec.</i> , 6:4-8 (1992)			
	47	<i>RIVERA, A Summary Statement: Probes for Affinity Mass Spectrometry of Phosphoproteins</i> (April 1994)			
	48	<i>SPEIR et al., Analytical Chemistry</i> , 64:1041-1045 (1992)			

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	49	STRUPAT et al., <i>Int'l J. Mass Spectrometry and Ion Processes</i> , 111:89-102 (1991)		
	50	VAN BREEMEN et al., <i>Int'l J. of Mass Spectrometry and Ion Physics</i> , 49:36-51 (1983)		
	51	XIANG et al., <i>Rapid Communications in Mass Spec.</i> , 8:199-204 (1994)		
	52	YIP et al., <i>Protein Expression and Purification</i> , 2:355-362 (1991)		

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